

ABSTRACT OF THE DISCLOSURE

In an apparatus for reading a data storage medium,
a control unit controls a first driving unit so as to
enable the first driving unit to drive a carrier frame
5 loaded with the data storage medium thereon to move back
and forth between first and second limit positions along
a first direction, receives optically detectable
information read by an optical detecting unit from the
data storage medium, and activates a second driving unit
10 to move the optical detecting unit by a predetermined
distance along a second direction transverse to the first
direction upon detection that the carrier frame has been
moved by the first driving unit from one of the first
and second limit positions to the other one of the first
15 and second limit positions.